D1816
INSTRUCTION MANUAL

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Warnings and Precautions

TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

This symbol, located on back or bottom of the unit, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol, located on back or bottom of the unit, is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

This product utilizes a Class 1 laser to read Compact Discs. This laser Compact Disc Player is equipped with safety switches to avoid exposure when the CD door is open and the safety interlocks are defeated. Invisible laser radiation is present when the CD Player's lid is open and the system's interlock has failed or been defeated. It is very important that you avoid direct exposure to the laser beam at all times. Please do not attempt to defeat or bypass the safety switches.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

To reduce the risk of electric shock, do not remove cover (or back). There are no user-serviceable parts inside. Please refer any servicing to qualified service personnel.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARNING: Danger of explosion if the remote control's batteries are incorrectly installed. Replace only with the same or equivalent battery.

WARNING: Use of this unit near fluorescent lighting may cause interference regarding use of the remote. If the unit is displaying erratic behavior move away from any fluorescent lighting, as it may be the cause.

Do not mix old and new batteries.
Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc) batteries.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important Safety Instructions

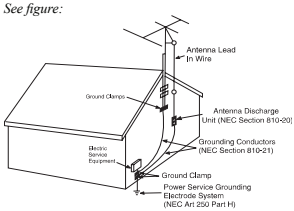
1. **Read Instructions** - All the safety and operating instruction should be read before the product is operated.
2. **Retain Instructions** - The safety and operating instruction should be retained for future reference.
3. **Heed Warnings** - All warning on the product and in the operating instructions should be adhered to.
4. **Follow instructions** - All operating and use instructions should be followed.
5. **Cleaning** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Clean only with a dry cloth.
6. **Attachments** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. **Water and Moisture** - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement, or near a swimming pool, and the like. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
8. **Accessories** - Do not place this product on an unstable cart, stand tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

See figure:

10. **Ventilation** - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction have been adhered to.
11. **Power Sources** - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instruction.
12. **Grounding or Polarization** - This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarizes plug.

    Alternate Warnings - This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
13. **Power-Cord Protection** - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and point where they exit from the product.
14. **Protective Attachment Plug** - The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
15. **Outdoor Antenna Grounding** - If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

See figure:


Antenna Lead In Wire
Ground Clamps
Antenna Discharge Unit (NEC Section 810-20)
Grounding Conductors (NEC Section 810-21)
Electric Service Equipment
Ground Clamp
Power Service Grounding Electrode System (NEC Art 250 Part H)

16. **Lightning** - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
17. **Power Lines** - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
18. **Overloading** - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
19. **Object and Liquid Entry** - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
20. **Servicing** - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
21. **Damage Requiring Service** - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

    a) When the power-supply cord or plug is damaged,

    b) If liquid has been spilled, or objects have fallen into the product,

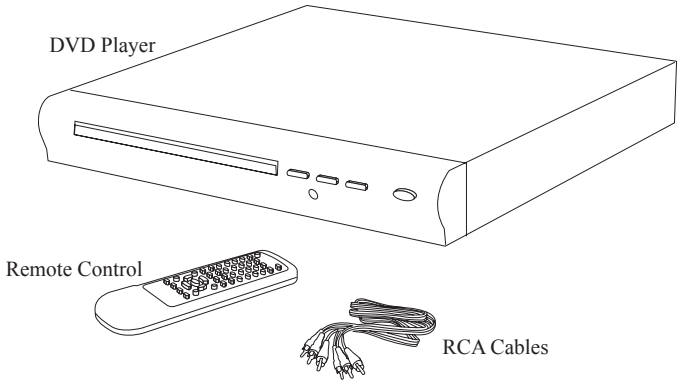
    c) If the product has been exposed to rain or water,

    d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.

    e) If the product has been dropped or damaged in any way, and

    f) When the product exhibits a distinct change in performance - this indicates a need for service.
22. **Replacement Parts** - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
23. **Safety Check** - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
24. **Wall or Ceiling Mounting** - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
25. **Heat** - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat. Battery shall not be exposed to excessive heat such as sunshine, fire, or the like.
26. Main plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
27. Excessive sound pressure from earphones and headphones can cause hearing loss.

In the Box



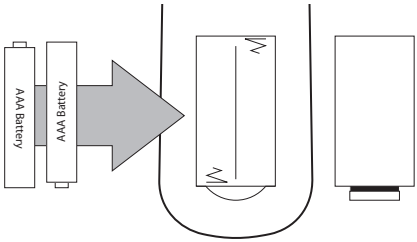
- DVD Player
- Remote Control
- RCA Cables
- Documentation

Features

The remote control requires 2 AAA batteries (not included).

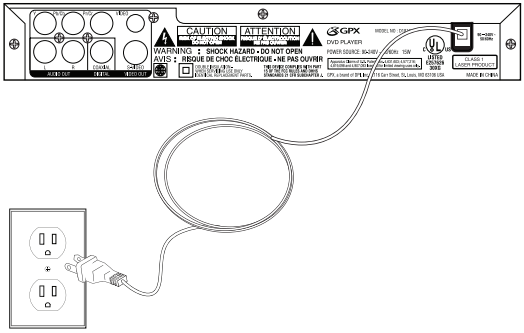
Do not mix old and new batteries.

Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc) batteries.



Powering the Unit

1. To power the unit, simply connect it to an AC outlet using the attached AC cord.

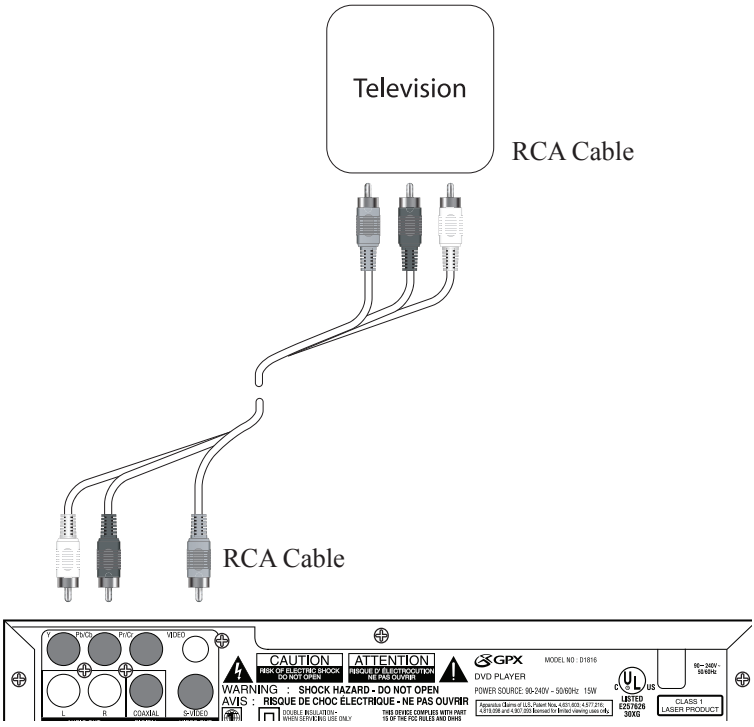


Composite Video Output: Connecting a Television

When connecting two products using an RCA Cable, match the colored ports with the same colored connection. (Red to Red, White to White, and Yellow to Yellow)

1. Connect the RCA Cable to the **Audio Outputs** and **Composite Video Output** on the unit to the audio/video inputs on the Television
2. Turn the unit on by pressing the **Standby Button.**
3. Change the television to the correct audio/video input setting.
4. Change the *Output Mode* setting on the unit to YUV. *See "The Setup Menu" on page 10 & 11.*
5. Audio and video played through the unit will now be seen and heard on the connected television.

   Press the Video button on the remote control to cycle through S-Video, YUV, and P-Scan.

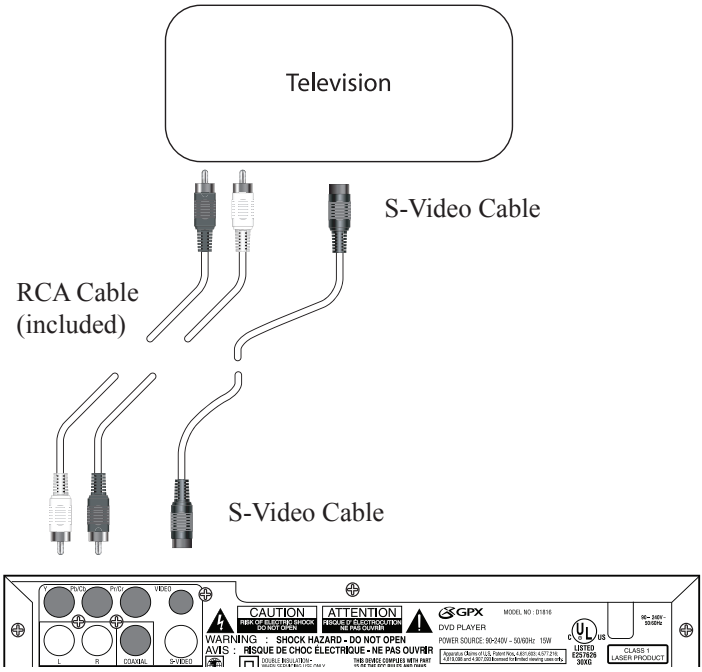


S-Video Output: Connecting a Television

When connecting two products using an RCA Cable, match the colored ports with the same colored connection. (Red to Red, White to White, and Yellow to Yellow)

1. Connect an S-Video Cable (not included) to the **S-Video Output** on the unit and the S-Video Input on the Television.
2. Connect the RCA Cable to the **Audio Outputs** on the unit to the audio/video inputs on the Television.
3. Turn the unit on by pressing the **Standby Button.**
4. Change the *Output Mode* setting on the unit to S-Video. *See "The Setup Menu" on page 10 & 11.*
5. Change the television to the correct audio/video input setting.
6. Video played through the unit will now be seen on the Television.

Press the Video button on the remote control to cycle through S-Video, YUV, and P-Scan.

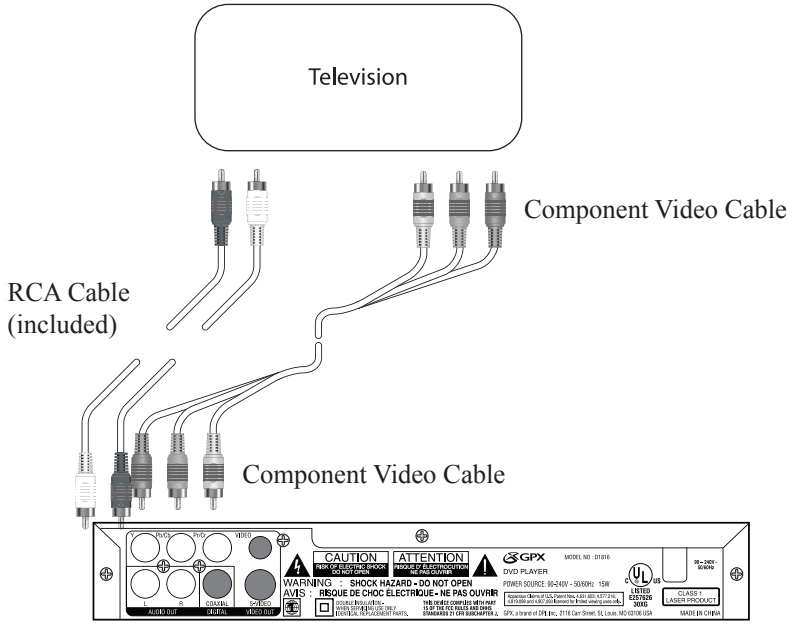


Component Video Output: Connecting a Television

When connecting two products using an Component Cable, match the colored ports with the same colored connection. (Green to Green, Red to Red, and Blue to Blue)

1. Connect a Component Cable (not included) to the **Component Video Outputs** on the unit and the component video inputs on the Television
2. Connect the RCA Cable to the **Audio Outputs** on the unit to the audio/video inputs on the Television.
3. Turn the unit on by pressing the **Standby Button.**
4. Change the *Output Mode* setting on the unit to YUV. *See "The Setup Menu" on page 10 & 11.*
5. Change the *TV Mode* setting on the unit to P-Scan. *See "The Setup Menu" on page 10 & 11.*
6. Change the television to the correct video input setting.
7. Video played through the unit will now be seen on the connected television.

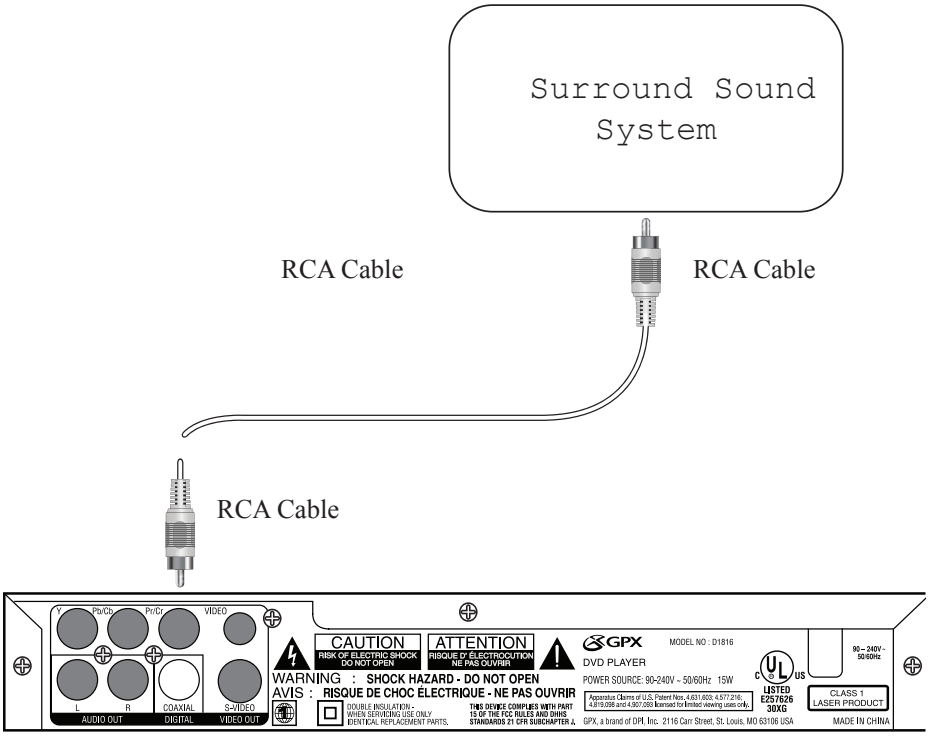
Press the Video button on the remote control to cycle through S-Video, YUV, and P-Scan.



Coaxial Audio Output: Connecting a Stereo System

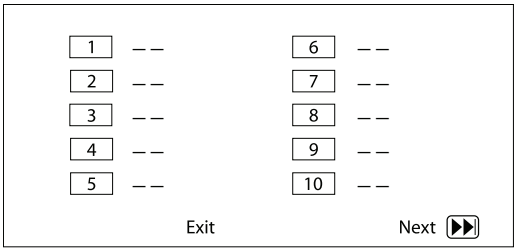
When connecting two products using an RCA Cable, match the colored ports with the same colored connection. (Red to Red, White to White, and Yellow to Yellow)

1. Connect an RCA Cable (included) to the **Coaxial Audio Output** on the unit and the coaxial audio input on a surround sound system.
2. Turn the unit on by pressing the **Standby Button.**
3. Change the stereo system to the correct audio input setting.
4. Audio played through the unit will now be heard on the connected television or stereo system.

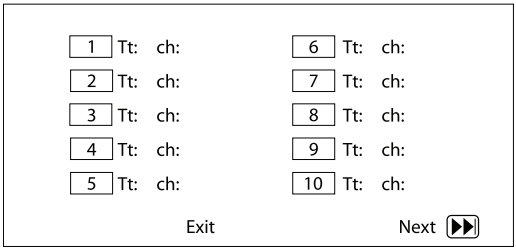

Surround Sound System
RCA Cable
RCA Cable
RCA Cable
Y
Pb/Cb
Pr/Cr
VIDEO
L
R
COAXIAL
S-VIDEO
AUDIO OUT
DIGITAL
VIDEO OUT
CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN
ATTENTION
RISQUE D' ÉLECTROCUTION NE PAS OUVRIR
WARNING : SHOCK HAZARD - DO NOT OPEN
AVIS : RISQUE DE CHOC ÉLECTRIQUE - NE PAS OUVRIR
DOUBLE INSULATION - WHEN SERVICING USE ONLY IDENTICAL REPLACEMENT PARTS.
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES AND DHHS STANDARDS 21 CFR SUBCHAPTER J.
GPX
MODEL NO : D1816
DVD PLAYER
POWER SOURCE: 90-240V ~ 50/60Hz 15W
Apparatus Claims of U.S. Patent Nos. 4,631,603; 4,577,216; 4,819,098 and 4,907,093 licensed for limited viewing uses only.
LISTED E257626 30XG
90 – 240V ~ 50/60Hz
CLASS 1 LASER PRODUCT
GPX, a brand of DPI, Inc. 2116 Carr Street, St. Louis, MO 63106 USA
MADE IN CHINA

Programming a DVD or CD

CD Program Menu

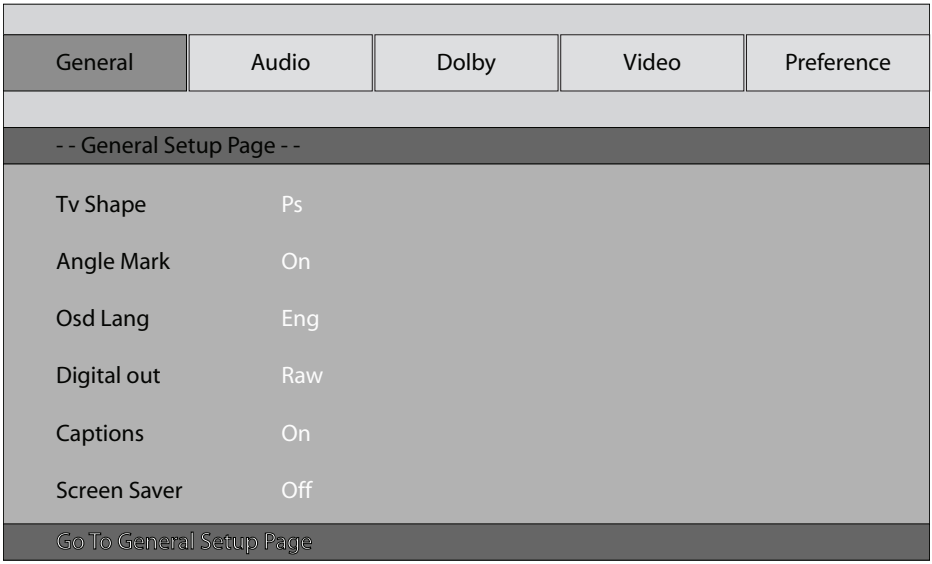


DVD Program Menu



1. Press the **Standby Button** to turn the unit on. The **Power Indicator** will illuminate green when the unit is turned on.
2. Insert a DVD or CD into the **CD/DVD Drawer.**
3. After the CD/DVD loads, press the **PROG Button** on the remote**.**
4. For DVD, in the columns with “Tt”, enter the title number. In the columns with “ch”, enter the chapter number.

   For CD, in the columns with two dashes, “- -”, enter the track numbers in the order they are to be played.
5. After all of the desired titles and chapters, or tracks are programmed, highlight “Start” and press the **Enter Button** to begin playing the programmed DVD or CD.
6. To cancel a program, highlight “Exit” and press the **Enter Button** on the remote.



General

TV Shape The ratio of the width of an image to its height.

- **Normal/PS (4:3)** The Normal/PS (Pan & Scan) ratio shows the DVD movie in standard 4:3 aspect ratio screen, but the sides of the movie are cut away so that it fits on a standard TV screen
- **Normal/LB (4:3)** The Normal/LB (Letterbox) ratio shows the DVD movie in a original format.
- **Wide (16:9)** The Wide ratio shows the DVD movie in its widescreen format. Use this setting when viewing a movie on a widescreen TV.

Angle mark Turn the Angle mark feature on to have the unit indicate when the angle feature can be used on a DVD.

OSD Language In the OSD (On Screen Display) Language Section choose from English, French, and Spanish as different OSD Languages

Digital Output

- **Off** The Off setting is used when the Digital Audio Output is disconnected.
- **RAW** The RAW setting will automatically enable PCM in circumstances where it can be used, and automatically disable it when it cannot be used. Like PCM, this option also requires the Digital Audio Output to be connected to a surround sound receiver.
- **PCM** The Digital Audio Output must be connected to a surround sound receiver to fully take advantage of this feature.

Captions Turn the on-screen captions on or off.

Screen Saver Turn the Screen Saver on or off. The Screen Saver should be turned on to avoid burn-in on the television.

Audio

Downmix

- **Lt/Rt** The digital audio output format are set in Lt/Rt downmix mode.
- **Stereo** The digital audio output format are set in Stereo downmix mode.

Dolby

Dynamic Adjust the Dynamic Range of the audio between Off, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, and Full.

Video

Output Mode

- **S-Video** Select the S-Video option to use the S-Video Output as the unit's primary video output.
- **YUV (Composite Video Out)** The YUV setting takes advantage of the Composite Video Outputs.
- *Press the Video button on the remote control to cycle through S-Video, YUV, and P-Scan.*

TV Mode Select TV Mode to adjust between P-Scan and Interlace when connected to a TV via the component outputs and the unit is in YUV mode

Brightness Select to adjust the Brightness of the video output from the unit.

Contrast Select to adjust the Contrast of the video output from the unit.

Preference (Full Stop Mode Only)

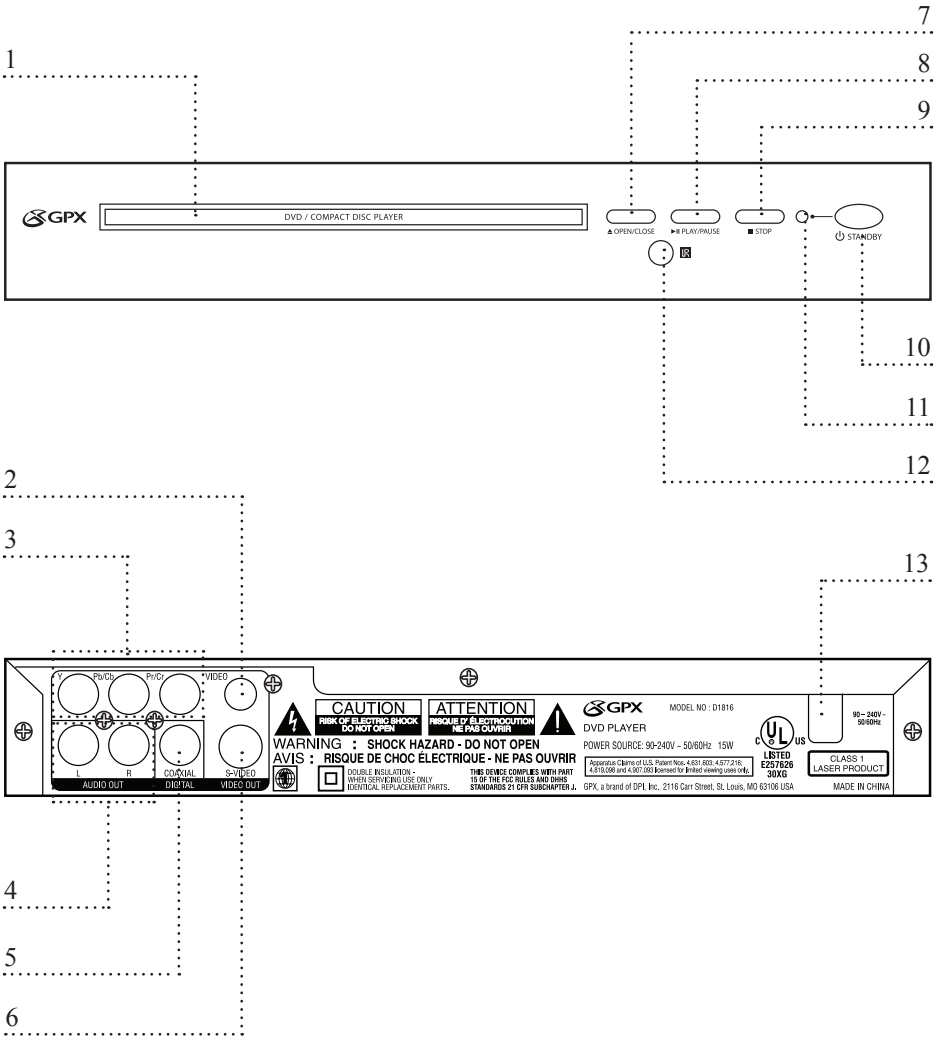
*To access the Preference Page, press the **Stop Button** twice to put the unit in Full Stop Mode.*

Audio Select Audio to adjust the audio language of a DVD.

Subtitle Select Subtitle to adjust the subtitle language of a DVD.

Disc Menu Select Disc Menu to adjust the Disc Menu language of a DVD.

Default Select the Default setting to reset the unit to it's original manufacturer settings.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GPX
DVD / COMPACT DISC PLAYER
OPEN/CLOSE
PLAY/PAUSE
STOP
STANDBY
IR
Pb/Cb
Pr/Cr
VIDEO
L
R
COAXIAL
S-VIDEO
AUDIO OUT
DIGITAL
VIDEO OUT
CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN
ATTENTION
RISQUE D'ÉLECTROCUTION NE PAS OUVRIR
WARNING : SHOCK HAZARD - DO NOT OPEN
AVIS : RISQUE DE CHOC ÉLECTRIQUE - NE PAS OUVRIR
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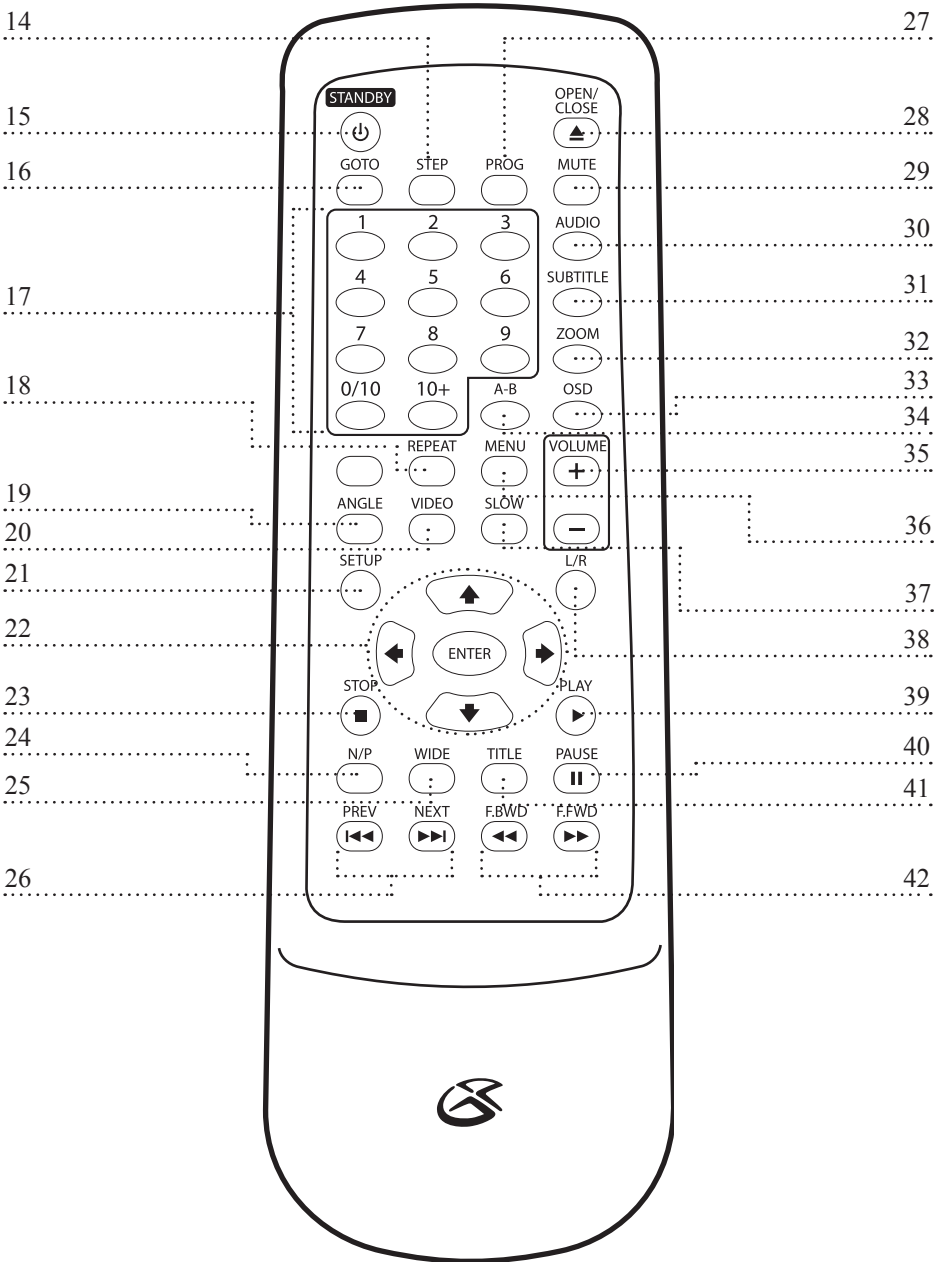
c UL us
LISTED E257626 30XG
90 ~ 240V ~ 50/60Hz
CLASS 1 LASER PRODUCT
MADE IN CHINA

Location of Controls: Remote



Control Definitions

1 **CD/DVD Drawer** Use the CD/DVD Drawer to load DVD, CD, and CD-R/RW discs.

2 **Composite Video Output** Use the Video Output connection to send a composite video signal from the unit to a TV. (Requires an RCA Cable, included)

3 **Component Video Output** Connect the Component Outputs to send the best video signal from the unit to a TV. (Requires a Component Cable, not included)

• *The Component Outputs must be connected to activate the progressive scan feature.*

4 **Audio Output** Use the AUDIO OUT port to connect the unit to a TV or a home theater system. (Requires an RCA Cable, included)

5 **Coaxial Output** The COAXIAL Output is an advanced audio output which allows the digital audio signal to be sent to a surround receiver for multichannel and surround sound audio.

6 **S-Video Output** Use the S-Video Output connection to send a higher quality standard video signal to the TV. (Requires an S-Video cable, not included)

7 **Open/Close Button** Press the Open/Close Button to open or close the CD/DVD Drawer

8 **Play/Pause Button** Press the Play/Pause Button to play or pause a CD or DVD.

9 **Stop Button** Press the Stop Button to stop a DVD or CD during play.

10 **Standby Button** Press the Standby Button to turn the unit off and on.

11 **Power Indicator** The Power Indicator illuminates red when the unit is turned off. The Power Indicator illuminates green when the unit is turned on.

12 **Infrared Receiver** The Infrared Receiver receives signals sent from the remote control.

13 **AC Cord** Plug the attached AC Cord into a standard outlet to power the unit.

14 **Step Button** Press the STEP button to pause a DVD movie, and press it consecutively after the movie is paused to move forwards through the movie one frame at a time.

15 **Standby Button** Press the Standby Button to turn the unit off and on.

16 **GOTO Button** Press the GOTO Button to quickly switch between DVD chapters, or enter a time and instantly go to the selected time of a DVD.

17 **Number Keypad** Use the Number Keypad when programming a CD or DVD.

18 **Repeat Button** Press the Repeat Button to switch between Repeat Chapter, and Repeat Title on a DVD, or Repeat Track, and Repeat All for a CD or JPEG CD.

19 **Angle Button** The Angle Button works with special DVDs to adjust to alternate angles while watching.

20 **Video Button** Press the Video Button to switch between S-Video, YUV (Composite Video Output), or Progressive Scan (Component Video Outputs).

21 **Setup Button** Press the Setup Button to display the DVD Player's setup menu.

22 **Navigation Controls / Enter Button** The Navigation buttons (Up, Down, Right, Left) and the ENTER button are used for navigating the DVD Player's internal menus and the DVD movie menus.

23 **Stop Button** Press the Stop Button to stop a DVD or CD during play.

24 N/P Press the N/P Button to switch between NTSC and PAL TV modes.

25 Wide Button Press the Wide Button to switch the Aspect Ratio between 4:3 Pan Scan, 4:3 Letter Box, Screenfit or Zoomfit.

• The WIDE button will only work when the unit is in stop mode.

26 PREV/NEXT Buttons Press the PREV/NEXT Buttons to skip to the previous or next track or chapter on a CD or DVD.

27 PROG Button Press the PROG (Program) Button to set a play order for a DVD's chapters or a CD's tracks.

28 Open/Close Button Press the Open/Close Button to open or close the CD/DVD Drawer

29 Mute Button Press the Mute Button to mute the audio output from the unit.

30 Audio Button Press the Audio Button to adjust the DVD's audio language.

31 Subtitle Button Press the Subtitle Button to turn the subtitles on or off, and to adjust between different subtitle languages.

32 Zoom Button Press the Zoom Button consecutively to turn the zoom feature on and off, and switch between three different values of zoom.

33 OSD Button Press the OSD (On Screen Display) Button to show the Time, Title, Chapter, Audio Language, Subtitle Setting, and Angle settings of a DVD.

34 A-B Button Press the A-B Button once to mark a starting point during a DVD. Press the button a second time to mark an ending point. After doing so the DVD will loop that section of video. Press the button a third time to cancel this function.

35 Volume Buttons Press the Volume Buttons to increase or decrease the volume of audio output from the unit.

36 Menu Button Press the Menu Button to see the menu of the DVD disc in the player.

37 SLOW Press the SLOW button to activate and deactivate the Slow Motion feature while playing a DVD.

38 L/R Button Press the L/R button to switch the audio output between the left speaker, right speaker, or all speakers.

39 Play Button Press the Play Button to play a load CD or DVD.

40 Pause Button Press the Pause Button to pause a CD or DVD during play.

41 Title Button Press the Title Button to see the Title Menu on a DVD.

42 F.BWD/F.FWD Button Press the F.FWD Button to skip to the next chapter, track, or image on a DVD, CD, or JPEG CD. Press and hold the F. FWD Button to fast-forward through an individual chapter or track on a DVD or CD. Press the F.BWD Button to skip to the previous chapter, track, or image on a DVD, CD, or JPEG CD. Press and hold the F.BWD button to search backwards through an individual chapter or track on a DVD or CD.

Service Information

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